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Sequence Listing could not be accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Anne Corrigan
Timestamp: Tue Jul 17 13:54:26 EDT 2007
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Reviewer Comments:

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ggncgcwbsg g                        11

The above <222> (4)..(4) and the <223> response under it are
incorrect:  "c," not "n," is at location 4, and can only represent itself.
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Validated By CRFValidator v 1.0.2

Application No: 10593357   Version No: 1.1

Input Set:

Output Set:

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              Finished: 2007-07-16 13:54:08.628
               Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 135 ms
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          Total Errors: 0
   No. of SeqIDs Defined: 86
     Actual SeqID Count: 86

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Input Set:

Output Set:

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Finished:	2007-07-16 13:54:08.628
Elapsed:	0 hr(s) 0 min(s) 3 sec(s) 135 ms
Total Warnings:	86
Total Errors:	0
No. of SeqIDs Defined:	86
Actual SeqID Count:	86

Error code   Error Description

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<110>   BRAIN BIOTECHNOLOGY RESEARCH AND INFORMATION NETWORK AG
        Verseck, Stefan
        Liebeton, Klaus
        Eck, Jurgen

<120>   Nitrile hydratases from metagenome libraries

<130>   009848-0356700

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<141>   2006-09-18

<150>   WO PCT/EP2005/002556
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1   5   10   15

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gat cat gac cac gac gtc cac gag gcg atc gag gac cgg gac gag ggt          96
Asp His Asp His Asp Val His Glu Ala Ile Glu Asp Arg Asp Glu Gly
            20              25              30

ccg ccg tcg gaa ttc gag atc atg agc cgc gcc atg cag gag ctg ctg         144
Pro Pro Ser Glu Phe Glu Ile Met Ser Arg Ala Met Gln Glu Leu Leu
        35              40              45

gaa gag aag ggc gtc gtc acc gcg gag cag gtc cgg cgc agc atg gag         192
Glu Glu Lys Gly Val Val Thr Ala Glu Gln Val Arg Arg Ser Met Glu
        50              55              60

aag ttc gag gaa gag ctg ccc tac cgg ggg gcg cgg gtc gtc gcg cac         240
Lys Phe Glu Glu Glu Leu Pro Tyr Arg Gly Ala Arg Val Val Ala His
65              70              75              80

gcc tgg acc gac ccg gaa ttc aag aag cgg ctg ctg gcg gac ggc aag         288
Ala Trp Thr Asp Pro Glu Phe Lys Lys Arg Leu Leu Ala Asp Gly Lys
            85              90              95

gcc gcc gtc tcg gag ttc ggc atc gat ttg gaa gcc gag cgg ctg atc         336
Ala Ala Val Ser Glu Phe Gly Ile Asp Leu Glu Ala Glu Arg Leu Ile
            100             105             110

gcg gtc gcg aac aca acg gac gtg cac aac gtc atc gtg tgc acg ctg         384
Ala Val Ala Asn Thr Thr Asp Val His Asn Val Ile Val Cys Thr Leu
        115             120             125

tgc tcg tgc tac ccg cgc acg ctg ctc ggc atg ccg ccg acc tgg tac         432
Cys Ser Cys Tyr Pro Arg Thr Leu Leu Gly Met Pro Pro Thr Trp Tyr
        130             135             140

aag agc gat aac tac cgc tcg cgc gtg gtc tac gaa ccg cgc gcg gtg         480
Lys Ser Asp Asn Tyr Arg Ser Arg Val Val Tyr Glu Pro Arg Ala Val
145             150             155             160

ctg aag gaa ttc ggc acc gtg ctg ccg gag cgc gtc acc gtg cgc gtg         528
Leu Lys Glu Phe Gly Thr Val Leu Pro Glu Arg Val Thr Val Arg Val
            165             170             175

cac gac tcc aac gcc gac atg cgc tac gtg gtg atc ccc atg cgc ccg         576
His Asp Ser Asn Ala Asp Met Arg Tyr Val Val Ile Pro Met Arg Pro
            180             185             190

cag gga acc gag ggc tgg agc gag gag cgg ctc gcg gag ctg ctg acg         624
Gln Gly Thr Glu Gly Trp Ser Glu Glu Arg Leu Ala Glu Leu Leu Thr
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cgc gac acg ctg gtg ggg gtc acc gtg cca aaa gtg gaa gtc gga agt         672
Arg Asp Thr Leu Val Gly Val Thr Val Pro Lys Val Glu Val Gly Ser
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225                     230
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Asp His Asp His Asp Val His Glu Ala Ile Glu Asp Arg Asp Glu Gly
                20   25   30

Pro Pro Ser Glu Phe Glu Ile Met Ser Arg Ala Met Gln Glu Leu Leu
            35   40   45

Glu Glu Lys Gly Val Val Thr Ala Glu Gln Val Arg Arg Ser Met Glu
        50   55   60

Lys Phe Glu Glu Glu Leu Pro Tyr Arg Gly Ala Arg Val Val Ala His
65   70   75   80

Ala Trp Thr Asp Pro Glu Phe Lys Lys Arg Leu Leu Ala Asp Gly Lys
                85   90   95

Ala Ala Val Ser Glu Phe Gly Ile Asp Leu Glu Ala Glu Arg Leu Ile
            100   105   110

Ala Val Ala Asn Thr Thr Asp Val His Asn Val Ile Val Cys Thr Leu
        115   120   125

Cys Ser Cys Tyr Pro Arg Thr Leu Leu Gly Met Pro Pro Thr Trp Tyr
    130   135   140

Lys Ser Asp Asn Tyr Arg Ser Arg Val Val Tyr Glu Pro Arg Ala Val
145   150   155   160

Leu Lys Glu Phe Gly Thr Val Leu Pro Glu Arg Val Thr Val Arg Val
                165   170   175

His Asp Ser Asn Ala Asp Met Arg Tyr Val Val Ile Pro Met Arg Pro
                180   185   190

Gln Gly Thr Glu Gly Trp Ser Glu Glu Arg Leu Ala Glu Leu Leu Thr
        195   200   205

Arg Asp Thr Leu Val Gly Val Thr Val Pro Lys Val Glu Val Gly Ser
        210   215   220

Arg Lys Ser Lys Gly Gly Ser Lys Thr Arg
225   230

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1   5   10   15

tca gcc atg aac att cca gct cgt gaa ttc gcc ctc cag cgc act gcg   96
Ser Ala Met Asn Ile Pro Ala Arg Glu Phe Ala Leu Gln Arg Thr Ala
            20   25   30

ccg gtc gag cag cgt gtc gac gcg atc cag gcg gcg ctc gac gaa cgc   144
Pro Val Glu Gln Arg Val Asp Ala Ile Gln Ala Ala Leu Asp Glu Arg
        35   40   45

ggt ttg aac gcc agt gac gca gtc cag gaa ttg agc cac ctg gcg gag   192
Gly Leu Asn Ala Ser Asp Ala Val Gln Glu Leu Ser His Leu Ala Glu
    50   55   60

gag caa tgg att ccg cgc aat ggc gcg cgg gtc gtc gcc aaa gcc tgg   240
Glu Gln Trp Ile Pro Arg Asn Gly Ala Arg Val Val Ala Lys Ala Trp
65   70   75   80

gtc gac ccg gaa ttc cgc gcg cgg ctt ctg gcc gac ggt cgc gcc gcc   288
Val Asp Pro Glu Phe Arg Ala Arg Leu Leu Ala Asp Gly Arg Ala Ala
                85   90   95

gtt gcc gaa ctg ggc ctc tcg atg ccg aag cat cac cgg cac ctc gtg   336
Val Ala Glu Leu Gly Leu Ser Met Pro Lys His His Arg His Leu Val
            100   105   110

gtg ctg gag aac acg ccg agc gtg cag aac gtc atc tgc tgc acg cag   384

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Val Leu Glu Asn Thr Pro Ser Val Gln Asn Val Ile Cys Cys Thr Gln
        115                 120                 125


tgc tcg tgc acg gcg ttc acg atc atc gga ctg ccg ccc gac tgg tac      432
Cys Ser Cys Thr Ala Phe Thr Ile Ile Gly Leu Pro Pro Asp Trp Tyr
        130                 135                 140


aag gac ctg gaa tac cgc gcg cga gtc gtc cgg gag tcg cgc acc gtg      480
Lys Asp Leu Glu Tyr Arg Ala Arg Val Val Arg Glu Ser Arg Thr Val
145                 150                 155                 160


ctg aag gag atg gga ctg gat ctg cct cgg gat gtc gaa att cgc gtc      528
Leu Lys Glu Met Gly Leu Asp Leu Pro Arg Asp Val Glu Ile Arg Val
                165                 170                 175


tgg gat acc act gcc gac acg cgc tac atg gta ttg ccg gta cag ccg       57
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